

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. ELITRA.001A	APPLICATION NO. 09/492,709
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Zyskind, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE January 27, 2000	GROUP 1631

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
AM	1	5,082,767	1/21/92	Hatfield, et al.	435	6	
	2	5,142,047	8/25/92	Summerton, et al.	544	118	
	3	5,405,775	4/11/95	Inouye, et al.	435	252,33	
	4	5,463,564	10/31/95	Agrafiotis, et al.	364	496	
	5	5,574,656	11/12/96	Agrafiotis, et al.	364	500	
	6	5,612,180	03/18/97	Brown, et al.	435	6	
	7	5,639,603	06/17/97	Dower, et al.	435	6	
	8	5,684,711	11/4/97	Agrafiotis, et al.	364	500	
	9	5,807,522	9/15/98	Brown, et al.	422	50	
	10	5,972,708	10/26/99	Sherratt, et al.	435	479	
	11	6,139,817	10/31/00	Palmer, et al.	424	9.1	
	12	6,248,525 B1	06/19/01	Nilsen	435	6	
AM	13	6,303,115 B1	10/16/01	Natsoulis	424	93.2	

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
AM	14	WO 95/02823	01/26/95	PCT, Brown			
	15	WO 96/17951	06/13/96	PCT, Holden et al.			
	16	WO 99/33871	07/8/99	PCT, Youngman et al.		1	
	17	WO 99/54728	10/28/99	PCT, Range et al.			
	18	WO 01/09164 A2	02/08/01	PCT, O'Donnell et al.			
	19	WO 01/11081 A2	02/15/01	PCT, Proguloke-Fox et al.			
	20	WO 01/34809 A2	05/17/01	PCT, Kiernan et al.			
AM	21	WO 01/49775 A2	07/12/01	PCT, Ineson			

EXAMINER <u>AM</u> <u>Mark</u>	DATE CONSIDERED <u>4-23-02</u>
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		FILING DATE January 27, 2000	GROUP 1631

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
AM	22 Almarsson, et al. 1993. Peptide nucleic acid (PNA) conformation and polymorphism in PNA-DNA and PNA-RNA hybrids. <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 90:9542-9546.
AM	23 Altschul, et al. 1990. Basic local alignment search tool. <i>J. Mol. Biol.</i> , 215:403-10.
AM	24 Altschul, et al. 1997. Gapped BLAST and PSI-BLAST: A new generation of protein database search programs. <i>Nucleic Acid Res.</i> , 25(17): 3389-3402
AM	25 Arigoni, et al. 1998. A genome-based approach for the identification of essential bacterial genes. <i>Nature Biotechnology</i> , 16: 851-856.
AM	26 Ausubel, et al. (Eds.). 1997. Current Protocols in Molecular Biology, Vol. 1, Unit 1.8.1-1.8.10. John Wiley & Sons, Inc.
AM	27 Basu, et al. 1997. Synthesis and characterization of a peptide nucleic acid conjugated to a D-peptide analog of insulin-like growth factor 1 for increased cellular uptake. <i>Bioconjugate Chem.</i> , 8:481-488.
AM	28 Bentin, et al. 1996. Enhanced peptide nucleic acid binding to supercoiled DNA: Possible implications for DNA "breathing" dynamics. <i>Biochemistry</i> , 35:8863-8869.
AM	29 Cao, et al. 1993. Expression and functional analysis of steroid receptor fragments secreted from <i>Staphylococcus aureus</i> . <i>J. Steroid Biochem Molec. Biol.</i> , 44(1):1-11.
AM	30 Coltrin, et al. 1999. Isolation of genes mediating resistance to inhibitors of nucleoside and ergosterol metabolism in <i>Leishmania</i> by overexpression/selection. <i>Journal of Biological Chemistry</i> , 274(53):37723-37730.
AM	31 Demidov, et al. 1995. Kinetics and mechanism of polyamide ("peptide") nucleic acid binding to duplex DNA. <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 92:2637-2641.
AM	32 Demidov, et al. 1993. Sequence selective double strand DNA cleavage by Peptide Nucleic Acid (PNA) targeting using nuclease S1. <i>Nucl. Acids Res.</i> , 21(9):2103-2107.
AM	33 Demidov, et al. 1994. Stability of peptide nucleic acids in human serum and cellular extracts. <i>Biochem. Pharm.</i> , 48(6):1010-1313.
AM	34 Egholm, et al. 1995. Efficient pH-independent sequence-specific DNA binding by pseudoisocytosine-containing bis-PNA. <i>Nucleic Acids Res.</i> , 23(2):217-222.
AM	35 Egholm, et al. 1993. PNA hybridizes to complementary oligonucleotides obeying the Watson-Crick hydrogen-bonding rules. <i>Nature</i> , 365:566-568.
AM	36 Egholm, et al. 1992. Recognition of Guanine and Adenine in DNA by Cytosine and Thymine Containing Peptide Nucleic Acids (PNA). <i>J. Am. Chem. Soc.</i> , 114(24):9677-9678.
AM	37 Engvall, E. 1980. Enzyme Immunoassay ELISA and EMIT. <i>Meth. Enzymol.</i> , 70:419-439.
AM	38 Etzold, et al. 1993. Sequence Retrieval System (SRS). SRS-An indexing and retrieval tool for flat file data libraries. <i>Comput. Appl. Biosci.</i> 9(1):49-57.
AM	39 Gallop, et al. 1994. Applications of Combinatorial Technologies to Drug Discovery. 1. Back-ground and Peptide Combinatorial Libraries. <i>Journal of Medicinal Chemistry</i> , 37(9):1233-1251.
AM	40 Griffin, et al. 1989. Recognition of Thymine Adenine Base Pairs by Guanine in a Pyrimidine Triple Helix Motif. <i>Science</i> , 245:967-971.
AM	41 Griffith, et al. Single and bis peptide nucleic acids as triplexing agents. Binding and Stoichiometry. 1995. <i>J. Am. Chem. Soc.</i> , 117:831-832
AM	42 Hamilton, et al. 1989. New method for generating deletions and gene replacements in <i>Escherichia coli</i> . <i>J. Bacteriol.</i> , 171(9):4617-4622.
AM	43 Hanvey, et al. 1992. Antisense and antogene properties of peptide nucleic acids. <i>Science</i> , 258:1481-1484.
AM	44 Hensel, et al. 1995. Simultaneous identification of bacterial virulence genes by negative selection. <i>Science</i> , 269:400-403.
AM	45 Hirschman, et al. 1996. Peptide nucleic acids stimulate gamma interferon and inhibit the replication of the human immunodeficiency virus. <i>J. Investig. Med.</i> , 44(6):347-351.
AM	46 Ho, et al. 1989. Site-directed mutagenesis by overlap extension using the polymerase chain reaction. <i>Gene</i> , 77:51-59.
AM	47 Horton, et al. 1989. Engineering hybrid genes without the use of restriction enzymes: Gene splicing by overlap extension. <i>Gene</i> , 77:61-68.
AM	48 Huerta, et al. 1998. RegulonDB: A database on transcriptional regulation in <i>Escherichia coli</i> . <i>Nucl. Acids Res.</i> , 26(1):55-59.
AM	49 Kohler, et al. 1975. Continuous cultures of fused cells secreting antibody of predefined specificity. <i>Nature</i> , 256:495-497.
AM	50 Krause, et al. 1997. Complexes at the replication origin of <i>Bacillus subtilis</i> with homologous and heterologous dnaA protein. <i>J. Mol. Biol.</i> , 274:365-380.

EXAMINER	<i>Adam Mansley</i>	DATE CONSIDERED	4-23-02
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EXAMINER <i>John Miersley</i>	DATE CONSIDERED <i>4-23-02</i>
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